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NPIC/R-172/65

May 1965

PHOTOGRAPHIC INTERPRETATION REPORT

# HU-LU TAO HARBOR AND PORT COMPLEX CHINA

DECLASS REVIEW by NIMA/DOD

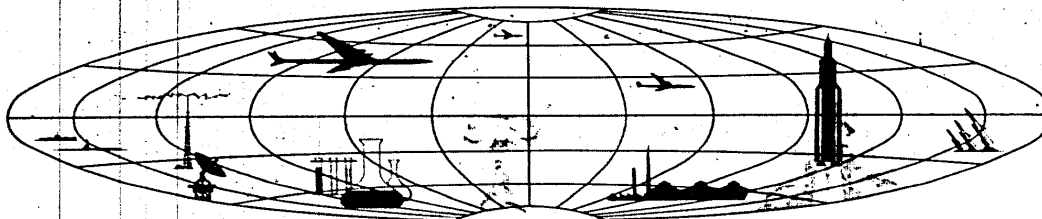


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## HU-LU TAO HARBOR AND PORT COMPLEX, CHINA

### INTRODUCTION

This report is one of a series describing Chinese Communist shipyards and ports as observed on aerial photography.

The Hu-lu Tao Harbor and Port Complex is located 7.5 nautical miles southeast of Lien-shan (Chin-hsi) on the southern coast of a peninsula extending into the Gulf of Liao-tung at 40-42N 120-59E (Figure 1).

Facilities (Figure 2) consist of a graving dock (under construction), 2 moles, a pier, a POL pier, a marine railway and numerous support buildings. The area is rail served.

### DESCRIPTION

25X1D

Comparison of [redacted] reconnaissance photography ( [redacted] during an air strike) and [redacted] photography reveals the following changes in the harbor and port area: construction has been started on a graving dock, a small section of land was reclaimed and a probable steam plant and storage/support buildings were constructed on this land, the northern mole (Item 4, Figure 2) has been eroded away in some sections. The bomb damage of [redacted] has not yet been repaired in some areas.

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25X1D

25X1D

The only change in facilities between [redacted] 25X1D

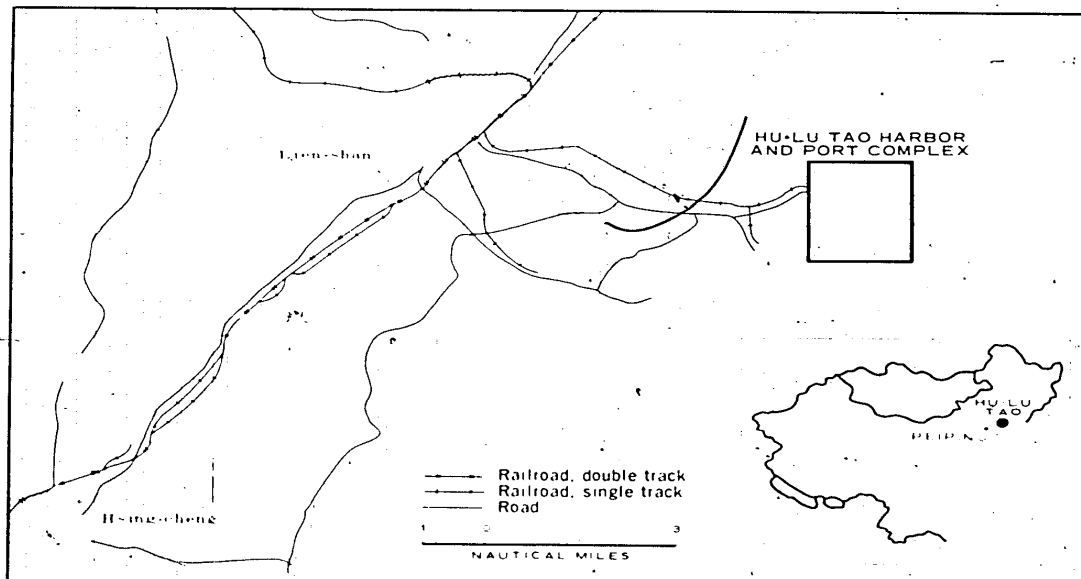


FIGURE 1. LOCATION OF HU-LU TAO HARBOR AND PORT COMPLEX.

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KEY TO FACILITIES

Item	Function	Dimensions (ft)	Roof Type
1	POL pier north side	1,300	
	"    "    south side	3,300	
2	Pier north side	650	
	"    "    south side	380	
3	Quay	660	
4	Moat	660 x 420	
5	Quay (partially damaged)	510	
6	Moat (only north end usable)	510	
7	Graving dock a/c	620 x 170	
8	Marine railway	610 x 25	
8A	Cradle	110 x 25	
9	U I building	210 x 140	Cable
10	U I building	200 x 75	Cable
11	U I building	190 x 100	Cable
12	U I building	370 x 95	Cable
13	U I building	300 x 95	Cable
14	U I building	250 x 220	Flat with monitors
15	Double Bay a/c	570 x 220	Flat
16	U I building	250 x 60	Flat with monitor
17	U I building	250 x 60	Cable
18	U I building	225 x 30	Cable
19	U I building	150 x 45	Cable
20	Heat processing	115 x 40	Cable
21	Heat processing	210 x 75	Flat with monitors
22	U I building	150 x 45	Cable
23	U I building	210 x 80	Flat with monitor
24	Probable repair plant	250 x 120	Flat with monitor
25	Probable storage	150 x 75	Swathout
26	Probable storage	150 x 75	Swathout
27	Probable storage	210 x 75	Swathout
28	Storage (B)	150 x 22 each	Cable
29	Vehicle maintenance	210 x 70	Cable
30	Vehicle maintenance	140 x 40	Cable
31	POL tank (L)	137 (diameter)	
32	POL tank	155 (diameter)	

FIGURE 2. HULL FACILITIES AND PORT LAYOUT

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[REDACTED] was the placement of some vertical wall members of a possible new building at the probable steamplant. Work on the graving dock has continued with minor amounts of material removed on the north wall of the basin. Some vehicular movement is discernible indicating activity; however, buildings that were under construction on both missions show no changes. The northern mole has not been repaired, and no steam or fuel is visible at the probable steam plant. The POL tanks appear to be in a state of disrepair; however,

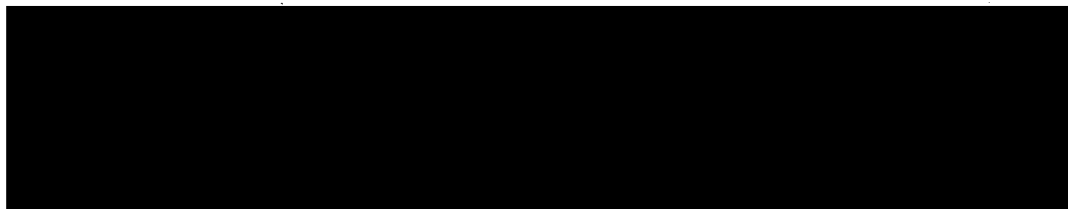
one does appear to be filled with water.

Numerous areas of open storage containing possible building material are dispersed throughout the area. A vehicle maintenance park is located northwest of the port facilities. No definite function can be assigned to some buildings as the area has not been completed and a flow pattern for possible ship repair/construction cannot be distinguished. No missile or missile-related activity or evidence of a harbor improvement program can be identified.

REFERENCES

PHOTOGRAPHY

25X1D



MAPS AND CHARTS

DIA. US Air Target Chart, Series 200, Sheet SO280-241HL, 2d ed, Mar 63 (SECRET/No Foreign Dissem)

USAF. US Air Target Chart, Series 100, Sheet 0280-9998-100A, 2d ed, May 54 (SECRET)

USAF. US Air Target Chart, Series 25, Sheet SO280-9998-2-25MA, 2d ed, May 54 (SECRET)

DOCUMENTS

ONI 45-280, *Hu-Lu Tao, Communist China*, Oct 58 (SECRET)

Army. Special Report No. 152, *Hu-Lu Tao Liao-Hai Province, China*, Mar 54 (CONFIDENTIAL)

REQUIREMENT

NSA/PO432 (R64-64(C))

NPIC PROJECT

12037-64 (partial answer)

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